



**INFORMATION CITED BY APPLICANT(S) THAT MAY BE MATERIAL TO THE  
PROSECUTION OF THE SUBJECT APPLICATION**

Applicants: Ralph C. Jorgenson et al. Attorney Docket No. BIOL0079

Serial No.: 10/788,971 Group Art Unit: 2621

Filed: February 27, 2004 Examiner:

Title: IMAGING PLATFORM FOR NANOPARTICLE DETECTION APPLIED TO  
SPR BIOMOLECULAR INTERACTION ANALYSIS

**U.S. PATENT DOCUMENTS**

*Examiner Initial	ID	Document No.	Date	Name	Class	Sub- Class
MD	US1	2001/0006416	07/05/2001	Johnson	356	73
	US2	2002/0126275	09/12/2002	Johnson	356	317
	US3	Re. 35,868	08/11/1998	Kosaka	250	574
	US4	3,922,069	11/25/1975	Kishikawa et al.	359	633
	US5	4,770,992	09/13/1988	Van den Engh et al.	435	6
	US6	4,786,165	11/22/1988	Yamamoto et al.	356	23
	US7	5,096,807	03/17/1992	Leaback	435	6
	US8	5,141,609	08/25/1992	Sweedler et al.	356	344
	US9	5,159,397	10/27/1992	Kosaka et al.	356	73
	US10	5,159,398	10/27/1992	Maekawa et al.	356	73
	US11	5,159,642	10/27/1992	Kosaka	382	6
	US12	5,247,339	09/21/1993	Ogino	356	73
	US13	5,247,340	09/21/1993	Ogino	356	73
	US14	5,272,354	12/21/1993	Kosaka	250	574
	US15	5,422,712	06/06/1995	Ogino	356	73
	US16	5,444,527	08/22/1995	Kosaka	356	73
	US17	5,471,294	11/28/1995	Ogino	356	73
	US18	5,548,395	08/20/1996	Kosaka	356	73
	US19	5,596,401	01/21/1997	Kusuzawa	356	23
	US20	5,633,503	05/27/1997	Kosaka	250	458.1
	US21	5,644,388	07/01/1997	Maekawa et al.	356	73
	US22	5,674,743	10/07/1997	Ulmer	435	287.2
	US23	5,695,934	12/09/1997	Brenner	435	6
	US24	5,754,291	05/19/1998	Kain	356	344
	US25	5,760,899	06/02/1998	Eismann	356	326
	US26	5,831,723	11/03/1998	Kubota et al.	356	73
	US27	5,848,123	12/08/1998	Strommer	378	98.8
	US28	5,855,753	01/04/1999	Trau et al.	204	484
	US29	5,929,986	07/27/1999	Slater et al.	356	326
MS	US30	5,959,953	09/28/1999	Alon	369	44.41

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<u>*Examiner</u> <u>Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub-Class</u>
<u>JS</u>	US31	6,007,994	12/28/1999	Ward et al.	435	6
	US32	6,014,468	01/11/2000	McCarthy et al.	382	254
	US33	6,066,459	05/23/2000	Garini et al.	435	6
	US34	6,116,739	09/12/2000	Ishihara et al.	353	31
	US35	6,156,465	12/05/2000	Cao et al.	430	30
	US36	6,210,973	04/03/2001	Pettit	436	172
	US37	6,211,955	04/03/2001	Basiji et al.	356	326
	US38	6,249,341	06/19/2001	Basiji et al.	356	73
	US39	6,256,096	07/03/2001	Johnson	356	335
	US40	6,330,081	12/11/2001	Scholten	358	463
	US41	6,381,363	04/30/2002	Murching et al.	382	164
<u>NA</u>	US42	6,522,781	02/18/2003	Norikane et al.	382	203

### FOREIGN PATENT DOCUMENTS

<u>*Examiner</u> <u>Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Publication</u> <u>Date</u>	<u>Country</u>	<u>Class</u>	<u>Sub-Class</u>	<u>Translation?</u>
<u>M</u>	F1	WO 00/42412	20.07.2000	PCT	GO1N 15/02	12	NO

### OTHER INFORMATION

<u>P</u>	O1	Kubota, Fumio et al. 1995. "Flow Cytometer and Imaging Device Used in Combination." <i>Cytometry</i> : 21:129-132.
<u>B</u>	O2	Kubota, F. 2003. "Analysis of red cell and platelet morphology using an imaging-combined flow cytometer." <i>Clin. Lab. Haem.</i> : 25:71-76.
<u>P</u>	O3	Ong, Sim Heng. 1985. Development of a System for Imaging and Classifying Biological Cells in a Flow Cytometer. Doctor of Philosophy Thesis. University of Sydney, School of Electrical Engineering. (August)
<u>P</u>	O4	Ong, S.H. et al. 1987. "Devèlopmnet of an Image Flow Cytometer." <i>Analytical and Quantitative Cytology and Histology. XIVth International Conference on Medical and Biological Engineering and the VIIth International Conference on Medical Physics</i> , Finland. (August): 375-382.
<u>B</u>	O5	Ong, S.H. and P.M. Nickolls. 1991. "Optical Design in a Flow System For Imaging Cells." <i>Sciences in Medicine</i> : 14:2:74-80.
<u>B</u>	O6	Ong, S.H. and P.M. Nickolls. 1994. "Analysis of MTF Degradation in the Imaging of Cells in a Flow System." <i>International Journal of Imaging Systems &amp; Technology</i> : 5:243-250.

**OTHER INFORMATION**

- NY 07 Satoh, Kaneo et al. 2002. "Small Aggregates of Platelets Can Be Detected Sensitive by a Flow Cytometer Equipped With an Imaging Device: Mechanisms of Epinephrine-Induced Aggregation and Antiplatelet Effects of Beraprost." *Cytometry*: 48:194-201.
- W 08 Wang, Fu-sheng and Fumio Kubota. 2002. "A Novel Apoptosis Research Method With Imaging-Combined Flow Cytometer and HITC OR IR-125 Staining." *Cytometry*: 50:267-274.
- R 09 Wietzorrek, Joachim et al. 1999. "A New Multiparameter Flow Cytometer: Optical and Electrical Cell Analysis in Combination With Video Microscopy in Flow." *Cytometry*: 35:291-301.

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Examiner's Signature

3-16-05  
Date

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MCK:KLP  
7/1/04